

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5617	382/100,103,104,107;348/154,155,169,170,171,172;73/488,489,490;356/27.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:15
S2	1297	S1 and ((vector\$1 encod\$4 cod\$4) same ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) and (imag\$4 frame\$1 video\$1))) and (mov\$4 motion\$5)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:46
S3	608	S2 and ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) near4 (adjacent "near" next))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:49
S4	516	S1 and (((vector\$1 encod\$4 cod\$4) same ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) and (imag\$4 frame\$1 video\$1))) same (mov\$4 motion\$5))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:46
S5	258	S4 and ((block\$1 box\$1 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) near4 (adjacent "near" next))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/15 10:47
S6	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/30 16:17
S7	1123	S6 and ((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:13
S8	918	S7 and (encod\$ vector\$1 cod\$4 gradient\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:56

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S9	418	S7 and ((motion\$4 mov\$4) near4 (encod\$ vector\$1 cod\$4 gradient\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 15:57
S10	25	S7 and ((AC and DC) near4 component\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/29 16:07
S11	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/30 16:17
S12	45408	((block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 segment\$1 area\$1 bound\$4) same (imag\$4 frame\$1 video\$1)) and ((mov\$8 motion\$4) near4 object\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:13
S13	1123	S12 and ((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:14
S14	74	S12 and (((calculat\$ add\$4 count\$4 number\$4) near4 ((adjacent "near" next close) near5 (block\$1 box\$2 rectangle\$1 macroblock\$1 region\$1 area\$1 bound\$4))) same threshold\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/10/01 13:23
S15	0	"6901110.pn.",	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:07
S16	3	"6901110".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:07

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S17	6061	382/100,103,104,107;348/154,155,169,170,171,172;73/488,489,490;356/27.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 17:17
S18	264	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) same ((encod\$1 vector\$1 gradient\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 16:52
S19	42	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) near5 ((encod\$1 vector\$1 gradient\$1 parameter\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 16:53
S20	164	S17 and ((macroblock\$1 rectangle\$1 square\$1 grid\$1) with ((encod\$1 vector\$1 gradient\$1 parameter\$1) and number))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:09
S21	10733	((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:11
S22	138	S17 and ((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:18
S23	15399	382/100,103,104,107;348/154,155,169,170,171,172;73/488,489,490;356/27;375/240-241.ccls.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/22 17:17
S24	1238	S23 and ((identif\$7 recogniz\$4 determin\$7) with (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same (encod\$1 vector\$1 gradient\$1 parameter\$1)	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:20

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S25	146	S24 and (((number amount quantit\$4) near6 (macroblock\$1 rectangle\$1 square\$1 grid\$1)) same ((adjacent\$ "near" close direct\$4 indirect\$4 touch\$4 neighbor\$5) near5 (macroblock\$1 rectangle\$1 square\$1 grid\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/22 17:24
S26	1370	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and (cod\$4 encod\$4) and (count\$4 number\$1 quanti\$4 amount)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:19
S27	497	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and (cod\$4 encod\$4) and (count\$4 number\$1 quanti\$4 amount) and (adjacent "next" neighbor\$4)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:23
S28	275	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and ((identif\$5 recogniz\$7 determin\$4) same (cod\$4 encod\$4)) and (count\$4 number\$1 quanti\$4 amount) and (adjacent "next" neighbor\$4)).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:25
S29	144	((motion mov\$4) and (macroblock\$1 square\$1 rectangle\$1 box\$3) and ((identif\$5 recogniz\$7 determin\$4) same (cod\$4 encod\$4)) and ((count\$4 number\$1 quanti\$4 amount) same (adjacent "next" neighbor\$4))).clm.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:53
S30	3468	((motion mov\$4) near6 (object\$1 subject\$1 vehicle\$1 target\$1 bod\$4 car\$1 airplane\$1)) same ((macroblock\$1 rectangle\$1 box\$4 square\$1 grid\$1 block\$1 subblock\$1) with (cod\$4 encod\$4 vector\$1 gradient\$1 parameter\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 10:59

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S31	492	S30 and ((count\$4 number\$4 amount\$4 quantit\$6) with ((adjacent\$ next neighbor\$4 close\$4 vicinit\$4 "near" proximat\$4) with (macroblock\$1 block\$1 subblock\$1 grid\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/23 11:05
S33	3	"6901110".pn.	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 10:43
S34	1	S33 and ((count\$4 number\$1 amount quanti\$7) with (macroblock\$1 block\$1))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/24 10:45
S35	3468	((motion mov\$4) near6 (object\$1 subject\$1 vehicle\$1 target\$1 bod\$4 car\$1 airplane\$1)) same ((macroblock\$1 rectangle\$1 box\$4 square\$1 grid\$1 block\$1 subblock\$1) with (cod\$4 encod\$4 vector\$1 gradient\$1 parameter\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28
S36	492	S35 and ((count\$4 number\$4 amount\$4 quantit\$6) with ((adjacent\$ next neighbor\$4 close\$4 vicinit\$4 "near" proximat\$4) with (macroblock\$1 block\$1 subblock\$1 grid\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28
S37	103	S36 and ((identif\$6 recogniz\$6 determin\$6) with ((possibl\$3 candidate\$1 probabl\$4) with (macroblock\$1 block\$1 subblock\$1 rectangle\$1 square\$1)))	US-PGPU B; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/24 12:28

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S38	788	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent)).clm.	US-PGPU B	OR	OFF	2006/02/24 15:07
S39	6	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent) and directly and indirectly).clm.	US-PGPU B	OR	OFF	2006/02/24 15:08

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L1	788	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent)).clm.	US-PGPU B	OR	OFF	2006/02/24 15:07
L2	6	((motion mov\$5) and (identif\$5 recogniz\$6 determin\$7) and (macroblock\$1 block\$1 segment\$1 subblock\$1 rectangle\$1 square\$1) and (encod\$4 cod\$4 parameter\$4 vector\$1 gradient\$1) and (number count\$4 quantit\$4 amount\$4) and (neighbor\$4 next "near" adjacent) and directly and indirectly).clm.	US-PGPU B	OR	OFF	2006/02/24 15:08

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- #2 `((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or --next--, --near--, adjacent*)))<in>metadata)`
- #3 `((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or --next--, --near--, adjacent*)))<in>metadata)`
- #4 `((imag* <paragraph> (motion* or mov*))and((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*))) and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or --next--, --near--, adjacent*)))<in>metadata)`
- #5 `((((imag* <paragraph> (motion* or mov*)) and (identif* or recog*, determin*)) and ((macroblock* or block*, rectangle*, subblock*, square*, segment*) <sentence> (encod* or cod*, vector*, gradient*)))and ((count* or number*, amount*, quant*) <paragraph> (neighbor* or --next--, --near--, adjacent*)))<in>metadata)`

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IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
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- ☐ 1. **Interframe hierarchical address-vector quantization**
 Nasrabadi, N.M.; Choo, C.Y.; Roy, J.U.;
[Selected Areas in Communications, IEEE Journal on](#)
 Volume 10, Issue 5, June 1992 Page(s):960 - 967
 Digital Object Identifier 10.1109/49.139001
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- ☐ 2. **A fast hierarchical motion vector estimation algorithm using mean pyramid**
 Kwon Moon Nam; Joon-Seek Kim; Rae-Hong Park; Young Serk Shim;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
 Volume 5, Issue 4, Aug. 1995 Page(s):344 - 351
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- ☐ 3. **Motion compensation using second-order geometric transformations**
 Papadopoulos, C.A.; Clarkson, T.G.;
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 Volume 5, Issue 4, Aug. 1995 Page(s):319 - 331
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- ☐ 4. **Neural fuzzy motion estimation and compensation**
 Hyun Mun Kim; Kosko, B.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing, IEE](#)
 Volume 45, Issue 10, Oct. 1997 Page(s):2515 - 2532
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- ☐ 5. **An efficient true-motion estimator using candidate vectors from a parametric motion model**
 De Haan, G.; Biezen, P.W.A.C.;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
 Volume 8, Issue 1, Feb. 1998 Page(s):85 - 91
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- ☐ 6. **The gray prediction search algorithm for block motion estimation**
Jer Min Jou; Pei-Yin Chen; Jian-Ming Sun;
[Circuits and Systems for Video Technology. IEEE Transactions on](#)
Volume 9, Issue 6, Sept. 1999 Page(s):843 - 848
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- ☐ 7. **Hilbert scanning search algorithm for motion estimation**
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- ☐ 8. **A postprocessing method for reducing quantization effects in low bit-rate moving picture cc**
Hyun Wook Park; Yung Lyul Lee;
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- ☐ 9. **Spatiotemporal segmentation and tracking of objects for visualization of videoconference in**
Kompatsiaris, I.; Gerassimos Strintz, M.;
[Circuits and Systems for Video Technology. IEEE Transactions on](#)
Volume 10, Issue 8, Dec. 2000 Page(s):1388 - 1402
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- ☐ 10. **An efficient search strategy for block motion estimation using image features**
Yui-Lam Chan; Wan-Chi Siu;
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Volume 10, Issue 8, Aug. 2001 Page(s):1223 - 1238
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- ☐ 11. **A fast multi-resolution block matching algorithm and its LSI architecture for low bit-rate vide**
Jae Hun Lee; Kyoung Won Lim; Byung Cheol Song; Jong Beom Ra;
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- ☐ 12. **Compression of 3-D triangle mesh sequences based on vertex-wise motion vector prediction**
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[Circuits and Systems for Video Technology. IEEE Transactions on](#)
Volume 12, Issue 12, Dec. 2002 Page(s):1178 - 1184
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- ☐ 13. **Multiframe blocking-artifact reduction for transform-coded video**
Gunturk, B.K.; Altunbasak, Y.; Mersereau, R.M.;
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Volume 12, Issue 4, April 2002 Page(s):276 - 282
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- ☐ 14. **Multiple-symbol parallel decoding for variable length codes**
Nikara, J.; Vassiliadis, S.; Takala, J.; Liuha, P.;
[Very Large Scale Integration \(VLSI\) Systems, IEEE Transactions on](#)
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- ☐ 15. **Quantifying and recognizing human movement patterns from monocular video images-part biometrics**
Green, R.D.; Ling Guan;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
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- ☐ 16. **Adaptive irregular pattern search with matching prejudgment for fast block-matching motion**
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[Circuits and Systems for Video Technology, IEEE Transactions on](#)
Volume 15, Issue 6, June 2005 Page(s):789 - 794
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- ☐ 17. **Neighbourhood-blocks motion vector estimation technique using pyramidal data structure**
Zan, J.; Ahmad, M.O.; Swamy, M.N.S.;
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- ☐ 18. **Motion estimation algorithm using interblock correlation**
Hsieh, C.-H.; Lu, P.C.; Shyn, J.-S.; Lu, E.-H.;
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- ☐ 19. **LVQ-based video object segmentation through combination of spatial and color features**
Mochamad, H.; Hui Chien Loy; Aoki, T.;
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Volume A, 21-24 Nov. 2004 Page(s):211 - 214 Vol. 1
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- ☐ 20. **Improvements to the MC-EZBC scalable video coder**
Chen, P.; Hanke, K.; Rusert, T.; Woods, J.W.;
[Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on](#)
Volume 2, 14-17 Sept. 2003 Page(s):II - 81-4 vol.3
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- ☐ **21. A finite-state vector quantizer for low-rate image sequence coding**
Baker, R.; Hsiao-hui Shen;
[Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '87](#),
Volume 12, Apr 1987 Page(s):760 - 763
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- ☐ **22. Region-based coding of motion fields for low-bitrate video compression**
Zhang, H.; Bossen, F.;
[Image Processing, 2004. ICIP '04. 2004 International Conference on](#)
Volume 2, 24-27 Oct. 2004 Page(s):1117 - 1120 Vol.2
Digital Object Identifier 10.1109/ICIP.2004.1419499
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- ☐ **23. Efficient scheme for motion estimation and block size mode selection in H.264**
Khan, N.; Masud, S.; Ahmad, A.; Maud, M.A.;
[Communications and Information Technology, 2004. ISCIT 2004, IEEE International Symposium on](#)
Volume 2, 26-29 Oct. 2004 Page(s):747 - 751 vol.2
Digital Object Identifier 10.1109/ISCIT.2004.1413815
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- ☐ **24. A novel adaptive multi-mode search algorithm for fast block-matching motion estimation**
Yilong Li; Oraintara, S.;
[Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on](#)
Volume 3, 23-26 May 2004 Page(s):III-977 - III-980 Vol.3
Digital Object Identifier 10.1109/ISCAS.2004.1328912
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- ☐ **25. Breast ultrasound image classification using fractal analysis**
Ruey-Feng Chang; Chii-Jen Chen; Ming-Feng Ho; Dar-Ren Chen; Woo Kyung Moon;
[Bioinformatics and Bioengineering, 2004. BIBE 2004. Proceedings. Fourth IEEE Symposium on](#)
19-21 May 2004 Page(s):100 - 107
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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